

Appl. No. 09/634,356

### Remarks

The present amendment responds to the Official Action mailed August 4, 2003. The Official Action rejected claim 19 under 35 U.S.C. §102(b) as anticipated by Fujii et al. UK Patent GB 2251357 A ("Fujii"). Claims 1-18 and 20-24 were indicated to be allowable. The sole ground for rejection is addressed below following a brief discussion of the present invention to provide context.

Claim 18 has been amended to fix a typographical error. Claims 1-17 and 20-24, unchanged by the present response, and claim 18 stand allowed. The rejection of claim 19, unchanged by the present response, stands traversed. Claims 1-24 are presently pending.

### The Present Invention

A wireless telephone according to an aspect of the present invention has two separate modules, each preferably comprising a processor, an accompanying chipset adapted for use with and support of that processor and a separate internal bus for communication between the processor and chipset. The first module is a basic telephone module optimized for performing time critical processes needed for operation of a wireless telephone, and provides functionality comprising basic telephone functions with a minimum of non time critical enhanced features being handled thereby. The second module is an enhanced services module optimized for performing non time critical processes which both reduce the load on the first module and add features to the telephone. For example, the second module may add a second keypad and display and take over control of keypad and display functions thereby reducing the load on the first module. Additional functions not supported by the first module, such as programmable rings, speed dial, PDA functions and the like may also be added. The great majority of non time

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critical functions are managed by the enhanced services module, without a need for the basic telephone module to divert processing resources away from time critical processes.

The enhanced services module transfers data among supporting components on its internal bus preferably designed using standard PC architecture. The basic telephone module and the enhanced services module exchange instructions and data through an interface module. The interface module, basic telephone module and enhanced services module preferably include zero-insertion-force (ZIF) connectors so that a basic telephone module or an enhanced services module may be connected or removed, allowing connection of a basic telephone module to different enhanced services modules, or connection of an enhanced services module to different basic telephone modules. Among its several advantages, this arrangement allows a user to purchase and retain an enhanced services module suited to his or her needs, and then to use that enhanced services module with a different or upgraded basic telephone module.

#### The Art Rejections

The only art rejection hinges on the application of Fujii. As addressed in greater detail below, Fujii does not support the Official Action's reading of it and the rejection based thereupon should be reconsidered and withdrawn.

Claim 19 was rejected under 35 U.S.C. §102(b) as anticipated by Fujii. Fujii describes a radiotelephone terminal and an external device for communicating subscriber information between devices. Fujii, Abstract. From the perspective of the radiotelephone terminal, the external device acts as a "main memory bank" or a "memory card" because only data such as subscriber information is being transferred between the two devices. See Fujii, page 17, lines 18-19 and page 19, line 27, respectively. Referring to Fig.13 and page 21, lines 10-20, Fujii

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addresses how synchronization of data such as subscriber information may be accomplished between the two devices.

In contrast to Fujii, the present invention includes two main modules a basic telephone module and an enhanced services module. Optimally, the basic telephone module performs time critical functions associated with communicating through the air interface 136. The basic telephone module does not operate optimally when the enhanced services module is absent because the basic telephone module is then forced to perform some non time critical functions such as, for example, servicing the keypad 222 and display 224 for functions such as programmable rings and speed dial. As an example, upon connection of the enhanced service module, the basic telephone module detects the presence of the enhanced service module in order to disable the keypad 222 and display 224, leaving those non time critical functions to run on the enhanced services module, and allowing more of the basic telephone module's processing to be devoted to time critical functions.

Claim 19 recites:

A method of upgrading a wireless telephone comprising the steps of:  
removing an enhanced services module from a basic telephone module, the enhanced services module operable to perform a group of non time critical functions;  
connecting the basic telephone module to a new enhanced services module; and  
detecting the connection of the enhanced services module and transferring the processing of the group of non time critical functions to the enhanced services module. (emphasis added)

In contrast, Fujii does not disable a function on the radiotelephone terminal and does not transfer a function from the radiotelephone terminal. Fujii simply addresses transferring information such as subscriber information between devices. Fujii does not disclose and does

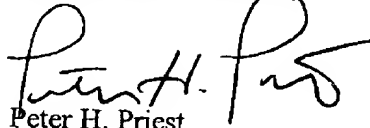
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not claim "transferring the processing of the group of non time critical function to the enhanced services module" as claimed.

Conclusion

It is believed that all the claims in the present application is now in condition for allowance. Should the Examiner conclude, following consideration of this Amendment, that further issues remain, it is requested that the Examiner call the undersigned at the number below to schedule a telephone interview to discuss the issues.

Respectfully submitted



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